

JAN 28 1982

DPM-2509-9

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

CAPRODUCT

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Products Research & Chemical Corporation		EMERGENCY TELEPHONE NO. (213) 849-3992
ADDRESS (Number, Street, City, State, and ZIP Code) 2919 Empire Ave., Burbank, California 91505		
CHEMICAL NAME AND SYNONYMS Polyurethane potting and molding compound		TRADE NAME AND SYNONYMS PR-1588 Amber/Black
CHEMICAL FAMILY N/A	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
Iron organic salt	<1	Unk			
CATALYST			ALLOYS		
Aromatic diamine	<1	5 ppm			
VEHICLE	90	0.14mg/M ³			
Polyurethane prepolymer			FILLER METAL PLUS COATING OR CORE FLUX		
SOLVENTS			OTHERS		
ADDITIVES					
Mixed aliphatic and aromatic polyols	10	Unk			
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.06
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR	Syrup; pungent odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	>200°F (TOC)	FLAMMABLE LIMITS	N/A	Lel	Uel
EXTINGUISHING MEDIA	Foam, CO ₂ , dry chemical.				
SPECIAL FIRE FIGHTING PROCEDURES					
UNUSUAL FIRE AND EXPLOSION HAZARDS	Emission of toxic vapors.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Unk

EFFECTS OF OVEREXPOSURE

Irritation to eyes, skin and mucous membrane.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Wash out thoroughly with plenty of water; see a physician.

SKIN: Wash thoroughly with soap and water.

INHALATION: Remove to fresh air.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

Fragments of aromatic amines, alcohols, isocyanates and unsaturated compounds.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Mop up excess with paper towels or rags. Clean area with methyl ethyl ketone.

WASTE DISPOSAL METHOD

Tightly closed containers in land-fill.

Do not incinerate. Cured material may be disposed of under local regulations covering rubber or polyethylene.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Use chemical cartridge or air-supplied respirator in confined areas.

VENTILATION

LOCAL EXHAUST

Adequate to minimize vapors.

SPECIAL

MECHANICAL (General)

Adequate to minimize vapors.

OTHER

PROTECTIVE GLOVES

Poly gloves or protective hand cream.

EYE PROTECTION

Chemical goggles or face shield.

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in tightly closed containers in dry area below 80°F.

Avoid prolonged or repeated contact with skin.

OTHER PRECAUTIONS